

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for debugging computer program code by using debugging software, the method comprising:

including at least one type of breakpoint in the computer program code,
wherein the type of breakpoint includes a conditional instruction;
activating or deactivating a plurality of breakpoints of the at least one type by a single action that causes a condition referred to in the conditional instruction to be fulfilled; and
debugging the computer program code based at least in part on the single action.
2. (Currently Amended) The method of claim 1, further comprising:

activating the plurality of breakpoints based on the single action; and
stopping the debugging software at a at least one breakpoint of the plurality of activated breakpoints based upon one or more predefinable conditions.
3. (Currently Amended) The method of claim 2, further comprising:

storing predefinable conditions including the condition referred to in the conditional instruction and one or more additional predefinable conditions in a data array.

4. (Currently Amended) The method of claim 2 3, wherein:
the ~~one or more~~ predefinable conditions are identical for a predefinable type of breakpoint.
5. (Currently Amended) The method of claim 2 3, further comprising:
storing the ~~one or more~~ predefinable conditions in a data array which is accessible for only one type of breakpoint.
6. (Currently Amended) The method of claim 2 3, wherein:
the ~~one or more~~ predefinable conditions are changeable during debugging.
7. (Currently Amended) The method of claim 2 3, further comprising:
storing the ~~one or more~~ predefinable conditions in a non-volatile memory.
8. (Original) The method of claim 1, further comprising:
setting a breakpoint with a macro call, each macro call including the associated breakpoint.
9. (Original) The method of claim 3, further comprising:
editing the data array by using a screen mask.

10. (Original) The method of claim 3, wherein:
the data array is a table.

11. (Original) The method of claim 3, wherein:
the data array is accessible for read and write operations via a graphical user interface.

12. (Currently Amended) A computer system for debugging computer program code by using debugging software, the computer system comprising:
a memory including program instructions;
an input means for entering data;
a storage means for storing data; and
a processor responsive to the program instructions for:
including at least one type of breakpoint in the computer program code, wherein the type of breakpoint includes a conditional instruction;
activating or deactivating two or more breakpoints of the at least one type by a single action that causes a condition referred to in the conditional instruction to be fulfilled; and
debugging the computer program code based at least in part on the single action.

13. (Currently Amended) The computer system of claim 12, further comprising:

means for activating the two or more breakpoints based on the single action; and

means for stopping the debugging software at a at least one breakpoint of the two or more activated breakpoints based upon one or more predefinable conditions.

14. (Currently Amended) The computer system of claim 13, further comprising:

a data array that stores the one or more predefinable conditions including the condition referred to in the conditional instruction and one or more additional conditions.

15. (Currently Amended) The computer system of ~~claims 13 or claim~~ 14, wherein:

the one or more predefinable conditions are identical for a predefinable type of breakpoint.

16. (Currently Amended) The computer system of claim 13 14, further comprising:

a data array, which is accessible for only one type of breakpoint, that stores the one or more predefinable conditions.

17. (Currently Amended) The computer system of claim 13 14, wherein:

the one or more predefinable conditions are changeable during debugging.

18. (Currently Amended) The computer system of claim 13 14, further comprising:

a non-volatile memory that stores the one or more predefinable conditions.

19. (Currently Amended) The computer system of claim 12, wherein:
a breakpoint is set with a macro call, each macro call including the associated breakpoint.

20. (Original) The computer system of claim 14, further comprising:
a screen mask for editing the data array.

21. (Original) The computer system of claim 14, wherein:
the data array is a table.

22. (Original) The computer system of claim 14, further comprising:
a graphical user interface for performing read and write operations on the data array.

23. (Currently Amended) A computer program product embodied on a tangible computer readable medium, for debugging computer program code, the computer program product comprising:

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instructions for including one or more types of breakpoints in a first computer program code, wherein the one or more types of breakpoints include a conditional instruction; and

instructions for activating or deactivating two or more breakpoints of one of the types by a single action that causes a condition referred to in the conditional instruction to be fulfilled; and

instructions for debugging the computer program code by use of debugging software, and based at least in part on the single action.

24. (Currently Amended) The computer program product of claim 23, further comprising:

instructions for activating the two or more breakpoints based on the single action; and

instructions for stopping the debugging software at a at least one breakpoint of the two or more breakpoints based upon one or more predefinable conditions.

25. (Currently Amended) The computer program product of claim 24, wherein the one or more predefinable conditions including the condition referred

to in the conditional instruction and one or more additional conditions are identical for a predefinable breakpoint.

26. (Currently Amended) The computer program product of claim 24 25, further comprising instructions for storing the one or more predefinable conditions in a data array which is accessible for only one type of breakpoint.

27. (Previously Presented) The computer program product of claim 23, further comprising instructions for setting a breakpoint with a macro call, each macro call including the associated breakpoint.